JOURNAL OF ORGANOMETALLIC CHEMISTRY, VOL. 347 (1988)

AUTHOR INDEX

Abu-Orabi, S.T., (347) 307
Adel, J., (347) 343
Al-Saeed, A.M., (347) C25
Appel, R., (347) 299
Araki, S., (347) 5

Bär, E., (347) 101
Baskir, E.G., (347) 277
Beck, W., (347) 101
Bermúdez, M.D., (347) 115
Bin Shawkataly, O., (347) 207
Böhler, D., (347) 11
Bonnet, G., (347) C21
Bromm, D., (347) 11
Bruce, M.I., (347) 157, 181, 207
Brunner, H., (347) 237
Burlakov, V.V., (347) 77
Butsugan, Y., (347) 5

Carré, F.H., (347) C1
Cheng, G., (347) 151
Ciani, G., (347) 413
Clark, J.A., (347) 107
Corriu, R.J.P., (347) C1
Cunningham, D., (347) C5

Dargatz, M., (347) 41
Davidson, I.M.T., (347) 17
Dehnicke, K., (347) 343
Dormond, A., (347) 71

Eaton, G., (347) 17
Edwards, H.G.M., (347) 391
Elter, G., (347) 11
Ewing, P., (347) C31

Farrugia, L.J., (347) C31
Fawcett, V., (347) 391
Fehlhammer, W.P., (347) 101
Filippou, A.C., (347) 127
Fischer, E.O., (347) 127
Fjare, D.E., (347) 373
Fumagalli, A., (347) 413

Gilbert, S., (347) C17
Gladfelter, W.L., (347) 333, 373
Grossel, M.C., (347) C25
Guérin, C., (347) C1

Hall, M., (347) 59
Hassler, K., (347) 27
Henner, B.J.L., (347) C1
Herberich, G.E., (347) 93
Herdtweck, E., (347) 237
Hernandez, C., (347) 295
Herrmann, W.A., (347) 237
Hossner, F., (347) 365
Howell, J.A.S., (347) C5
Hughes, C.A., (347) 157, 181, 207
Hughes, K.J., (347) 17

Ip, B.M.Y., (347) 391
Ito, H., (347) 5

Janietz, N., (347) 237
Jemmis, E.D., (347) 401
Jurkschat, K., (347) 41
Jutzi, P., (347) 307

Kalbitz, J., (347) 41
Kane-Maguire, L.A.P., (347) 383
Kerzina, Z.A., (347) 277
Khabashesku, V.N., (347) 277
Kilner, M., (347) 107
Kleinpeter, E., (347) 41
Knorr, M., (347) C17
Knychala, J.P., (347) C25
Kolb, O., (347) 137
Kopp, G., (347) 313, 325
Krukowka, L., (347) C9

Lavastre, O., (347) C21
Leblanc, J.C., (347) C21
Levitsky, M.M., (347) 253
Liddell, M.J., (347) 157, 181, 207
Luck, R.L., (347) 349

Mach, K., (347) 85
Maltsev, A.K., (347) 277
Mantell, D.R., (347) 333
Maringgele, W., (347) 11
Martinengo, S., (347) 413
Mayer, H., (347) 93
McArdle, P., (347) C5
Meier, W., (347) 237
Meller, A., (347) 11
Moise, C., (347) C21
Moret, M., (347) 413
Morris, R.H., (347) 349
Mouncher, P.A., (347) 383
Mugnier, Y., (347) 71

Nefedov, O.M., (347) 277
Niemann, B., (347) 299

Okninska, E., (347) 1
Ovchinnikov, Yu.E., (347) 33, 253

Paciello, R., (347) 127
Pannell, K.H., (347) 295
Párkányi, L., (347) 295
Patrick, J.M., (347) 181
Prasad, B.V., (347) 401

Renaud, S., (347) 71
Rodin, O.G., (347) 33
Rokitskaya, V.I., (347) 33
Roullier, L., (347) 71

Salzer, A., (347) 383
Schubert, U., (347) C17
Schuhn, W., (347) 299
Seddon, E.A., (347) C25
Seddon, K.R., (347) C25
Seidl, S., (347) 27
Serhadli, O., (347) 237
Shawkataly, O. bin, (347) 207
Shimran, A.A., (347) C25
Shklover, V.E., (347) 33, 253
Shur, V.B., (347) 77
Siabalis, N., (347) 299
Skelton, B.W., (347) 157, 181, 207

Sowerby, D.B., (347) 59
Squibb, A.D., (347) C5
Starowieyski, K.B., (347) 1
Stevens, R.E., (347) 373
Stone, F.G.A., (347) 115
Struchkov, Yu.T., (347) 33, 253
Sustmann, R., (347) 313, 325

Taube, R., (347) C9
Thometzek, P., (347) 137
Tirvengadum, M.C., (347) C5
Tompkins, S., (347) C25
Traven', V.F., (347) 33
Tzschach, A., (347) 41

Varga, V., (347) 85
Vitulli, G., (347) C21
Vol'pin, M.E., (347) 77
Voyle, M., (347) 365

Wachter, J., (347) 237
Wakasuki, Y., (347) 151
Walton, G., (347) C5
Wang, H.-G., (347) 269
Wang, H.-K., (347) 269
Wang, R.-J., (347) 269
Weigand, W., (347) 101
Weller, F., (347) 343
Werner, H., (347) 137
White, A.H., (347) 157, 181, 207
Wong Chi Man, W.W.C., (347) C1

Yamazaki, H., (347) 151
Yang, L.-M., (347) 269

Zhang, Z.-Z., (347) 269
Zhao, W.-J., (347) 269
Zhdanov, A.A., (347) 253
Ziegler, M.L., (347) 237

JOURNAL OF ORGANOMETALLIC CHEMISTRY, VOL. 347 (1988)

SUBJECT INDEX

Aluminium

Titanocene chloro(ethyl)aluminates, influence on properties by methyl-substituted cyclopentadienyl ligands in (K. Mach, V. Varga), (347) 85

Antimony

Di-t-butylcyclopentadienyl-group 15 compounds, synthesis, structure and fluxional behaviour of (S.T. Abu-Orabi, P. Jutzi), (347) 307

Dodecamethyl-2,3,5,6,7,8-hexasila-diarsa-, -distiba- and -dibismutha-bicyclo[2.2.2]octane, formation and identification of (K. Hassler, S. Seidl), (347) 27

Phenylchloroantimonates(III), preparations and crystal structures of $Me_4N[PhSbCl_3]$, $[Hpy]_2[PhSbCl_4]$, and $Me_4N[Ph_2SbCl_2]$ (M. Hall, D.B. Sowerby), (347) 59

Tricarbonyl(trichlorostibine)nickel(0), $Ni(CO)_3SbCl_3$, force constant calculations for (H.G.M. Edwards, V. Fawcett, B.M.Y. Ip), (347) 391

Arsenic

Di-t-butylcyclopentadienyl-group 15 compounds, synthesis, structure and fluxional behaviour of (S.T. Abu-Orabi, P. Jutzi), (347) 307

Dodecacarbonyl-triruthenium and -triosmium group 15 ligand-substituted derivatives; X-ray structures of undeca-, deca- and nonacarbonyl complexes derived from (M.I. Bruce, M.J. Liddell, C.A. Hughes, B.W. Skelton, A.H. White, and in part J.M. Patrick, O. bin Shawkataly), (347) 157, 181, 207

Dodecamethyl-2,3,5,6,7,8-hexasila-diarsa-, -distiba- and -dibismutha-bicyclo[2.2.2]octane, formation and identification of (K. Hassler, S. Seidl), (347) 27

Triphenylarsine derivatives of cyclopentadienylcarbonylmolybdenum compounds, formation of (J.A. Clark, M. Kilner), (347) 107

Bismuth

Bi–Co heteronuclear carbonyl bonds, $[Bi\{Co(CO)_4\}_4]^-$ synthesis and X-ray structure of its NMe_4 salt (S. Martinengo, A. Fumagalli, G. Ciani, M. Moret), (347) 413

Dodecamethyl-2,3,5,6,7,8-hexasila-diarsa-, -distiba- and -dibismutha-bicyclo[2.2.2]octane, formation and identification of (K. Hassler, S. Seidl), (347) 27

Boron

Dichloro(diisopropylamino)boranes, borylation of benzene and naphthalene by dehalogenation products of (A. Meller, D. Bromm, W. Maringgele, D. Böhler, G. Elter), (347) 11

To tilt or not to tilt? The dilemma of μ-C_3R_3 ligands in binuclear complexes (E.D. Jemmis, B.V. Prasad), (347) 401

Cadmium

Cadmium-metal-mediated allylation of carbonyl compounds (S. Araki, H. Ito, Y. Butsugan), (347) 5

Chromium

η^6-Arylphosphinemolybdenum(0) electron rich complexes as ligands in group 6 carbonylmetal complexes (R.L. Luck, R.H. Morris), (347) 349

Bis(triphenylphosphine)iminium(tetracarbonylnitrosylchromium), synthesis, characterisation and reactivity of (D.R. Mantell, W.L. Gladfelter), (347) 333

Chromium, tungsten and iron isocyanide complexes, addition reactions to heteroallenes of (E. Bär, W.P. Fehlhammer, W. Weigand, W. Beck), (347) 101

Heterometallic di- and tri-nuclear complexes with bridging thiocarbonyl and methylthiocarbyne ligands; crystal and molecular structure of $C_5H_5(PMe_2)(\mu\text{-}CO)[\mu\text{-}CSMn(CO)_2C_5H_5]$-$Mn(CO)C_5H_5$ (H. Werner, O. Kolb, P. Thometzek), (347) 137

Phosphorus-substituted butadiene systems, complexation of (R. Appel, B. Niemann, W. Schuhn, N. Siabalis), (347) 299

Cobalt

Bi–Co heteronuclear carbonyl bonds, $[Bi\{Co(CO)_4\}_4]^-$ synthesis and X-ray structure of its NMe_4 salt (S. Martinengo, A. Fumagalli, G. Ciani, M. Moret), (347) 413

Bis(pentamethylcyclopentadienylcarbonyl-cobalt) and -rhodium) complexes, stepwise formation of dinuclear chalcogenic complexes with elemental sulphur, selenium or tellurium from (H. Brunner, N. Janietz, W. Meier, J. Wachter, E. Herdtweck, W.A. Herrmann, O. Serhadli, M.L. Ziegler), (347) 237

η^5-Cyclooctadienyl-η^5-cyclopentadienylcobalt and related cations, kinetics and mechanism of addition of tertiary phosphines and phosphites to (L.A.P. Kane-Maguire, P.A. Mouncher, A. Salzer), (347) 383

Heterometallic di- and tri-nuclear complexes with bridging thiocarbonyl and methylthiocarbyne ligands; crystal and molecular structure of $C_5H_5(PMe_2)(\mu\text{-}CO)[\mu\text{-}CSMn(CO)_2C_5H_5]$-$Mn(CO)C_5H_5$ (H. Werner, O. Kolb, P. Thometzek), (347) 137

Iron-cobalt trinuclear mixed cluster bicapped with sulphur, structural determination of (Y. Wakatsuki, H. Yamazaki, G. Cheng), (347) 151

$Na_6[(PhSiO_{1.5})_{22}Co_3O_6] \cdot 7H_2O$, synthesis and crystal structure of (Yu.E. Ovchinnikov, V.E. Shklover, Yu.T. Struchkov, M.M. Levitsky, A.A. Zhdanov), (347) 253

Iron

Bis(dicarbonyl-η^5-cyclopentadienylrion)diphenyltin, crystal structure of (L. Párkányi, K.H. Pannell, C. Hernandez), (347) 295

18-Crown-6 potassium [η^4-(1,4-diphenylbutadienylene)tricarbonyliron]trifluorosilicate, synthesis, dynamic behaviour and structure of (F.H. Carré, R.J.P. Corriu, C. Guérin, B.J.L. Henner, W.W.C. Wong Chi Man), (347) C1

Di-η^5-cyclopentadienyliron(II) derivatives, electronic structure of (A.M. Al-Saeed, E.A. Seddon, K.R. Seddon, A.A. Shimran, S. Tompkins, M.C. Grossel, J.P. Knychiala), (347) C25

Iron-cobalt trinuclear mixed cluster bicapped with sulphur, structural determination of (Y. Wakatsuki, H. Yamazaki, G. Cheng), (347) 151

(Methylsorbate)-, (sorbaldehyde)- and (1-methoxycyclohexadiene)-dicarbonyl((+)-neomenthyltriphenylphosphine)iron, diastereoisomer separation and absolute configuration of (J.A.S. Howell, M.C. Tirvengadum, A.D. Squibb, G. Walton, P. McArdle, D. Cunningham), (347) C5

Organometallic aryl cations, reactions with aryloxy anions, route to substituted diphenyl ethers (F. Hossner, M. Voyle), (347) 365

Phosphorus-substituted butadiene systems, complexation of (R. Appel, B. Niemann, W. Schuhn, N. Siabalis), (347) 299

Silyl-substituted trihydrido-iron complexes, $FeH_3(CO)(Ph_2PCH_2CH_2PPh_2)SiR_3$ (M. Knorr, S. Gilbert, U. Schubert), (347) C17

To tilt or not to tilt? The dilemma of μ-C_3R_3 ligands in binuclear complexes (E.D. Jemmis, B.V. Prasad), (347) 401

Magnesium

Tolane-titanocene complex, isolation, spectral characterisation and reactivity of (V.B. Shur, V.V. Burlakov, M.E. Vol'pin), (347) 77

Manganese

Heterometallic di- and tri-nuclear complexes with bridging thiocarbonyl and methylthiocarbyne ligands; crystal and molecular structure of $C_5H_5(PMe_3)(\mu\text{-}CO)[\mu\text{-}CSMn(CO)_2C_5H_5]$-$Mn(CO)C_5H_5$ (H. Werner, O. Kolb, P. Thometzek), (347) 137

Mercury

Dihexyn-4-ylzinc, intramolecular interaction between zinc atom and C≡C in (E. Okninska, K.B. Starowieyski), (347) 1

Metallocenes

η^5-Cyclooctadienyl-η^5-cyclopentadienylcobalt and related cations, kinetics and mechanism of addition of tertiary phosphines and phosphites to (L.A.P. Kane-Maguire, P.A. Mouncher, A. Salzer), (347) 383

Di-η^5-cyclopentadienyliron(II) derivatives, electronic structure of (A.M. Al-Saeed, E.A. Seddon, K.R. Seddon, A.A. Shimran, S. Tompkins, M.C. Grossel, J.P. Knychala), (347) C25

Titanocene chloro(ethyl)aluminates, influence on properties by methyl-substituted cyclopentadienyl ligands in (K. Mach, V. Varga), (347) 85

Tolane-titanocene complex, isolation, spectral characterisation and reactivity of (V.B. Shur, V.V. Burlakov, M.E. Vol'pin), (347) 77

Vanadocene, reactions with aliphatic halides of (R. Sustmann, G. Kopp), (347) 325

Vanadocene, reactions with benzyl bromide of (R. Sustman, G. Kopp), (347) 313

Molybdenum

η^6-Arylphosphinemolybdenum(0) electron rich complexes as ligands in group 6 carbonylmetal complexes (R.L. Luck, R.H. Morris), (347) 349

Bis(triphenylphosphine)iminium(tetracarbonylnitrosylchromium), synthesis, characterisation and reactivity of (D.R. Mantell, W.L. Gladfelter), (347) 333

Chromium, tungsten and iron isocyanide complexes, addition reactions to heteroallenes of (E. Bär, W.P. Fehlhammer, W. Weigand, W. Beck), (347) 101

$NEt_4[(\eta^5\text{-}C_5H_5)Mo(CO)_2Se_2]$, synthesis and crystal structure of (J. Adel, F. Weller, K. Dehnicke), (347) 343

Phosphorus-substituted butadiene systems, complexation of (R. Appel, B. Niemann, W. Schuhn, N. Siabalis, (347) 299

To tilt or not to tilt? The dilemma of $\mu\text{-}C_3R_3$ ligands in binuclear complexes (E.D. Jemmis, B.V. Prasad), (347) 401

Triphenylarsine derivatives of cyclopentadienylcarbonylmolybdenum compounds, formation of (J.A. Clark, M. Kilner), (347) 107

Nickel

Phosphorus-substituted butadiene systems, complexation of (R. Appel, B. Niemann, W. Schuhn, N. Siabalis), (347) 299

To tilt or not to tilt? The dilemma of $\mu\text{-}C_3R_3$ ligands in binuclear complexes (E.D. Jemmis, B.V. Prasad), (347) 401

Tricarbonylbis[bis(diphenylphosphine)methanenickel]binuclear complex, $Ni_2(\mu\text{-dpm})_2(\mu\text{-CO})(CO)_2$, formation and molecular structure of (Z.-Z. Zhang, H.-K. Wang, H.-G. Wang, R.-J. Wang, W.-J. Zhao, L.-M. Yang), (347) 269

Tricarbonyl(trichlorostibine)nickel(0), $Ni(CO)_3\text{-}SbCl_3$, force constant calculations for (H.G.M. Edwards, V. Fawcett, B.M.Y. Ip), (347) 391

Niobium

Carbonyldi-(η-cyclopentadienyl)hydridoniobium, insertion reactions of activated acetylenes into (G.E. Herberich, H. Mayer), (347) 93

Osmium

Dodecarbonyl-triruthenium and -triosmium group 15 ligand-substituted derivatives; X-ray structures of undeca-, deca- and nonacarbonyl complexes derived from (M.I. Bruce, M.J. Liddell, C.A. Hughes, B.W. Skelton, A.H. White, and in part J.M. Patrick, O. bin Shawkataly), (347) 157, 181, 207

Triosmium-platinum 60-electron tetrahedral cluster containing CO bridging Os–Os edge, $Os_3Pt(\mu\text{-}H)_2(\mu\text{-}CO)(CO)_9(C_8H_{12})$, synthesis and X-ray structure of (P. Ewing, L.J. Farrugia), (347) C31

Palladium

To tilt or not to tilt? The dilemma of $\mu\text{-}C_3R_3$ ligands in binuclear complexes (E.D. Jemmis, B.V. Prasad), (347) 401

Phosphorus

η^6-Arylphosphinemolybdenum(0) electron rich complexes as ligands in group 6 carbonylmetal complexes (R.L. Luck, R.H. Morris), (347) 349

Chromium, tungsten and iron isocyanide complexes, addition reactions to heteroallenes of (E. Bär, W.P. Fehlhammer, W. Weigand, W. Beck), (347) 101

η^5-Cyclooctadienyl-η^5-cyclopentadienylcobalt and related cations, kinetics and mechanism of addition of tertiary phosphines and phosphites to (L.A.P. Kane-Maguire, P.A. Mouncher, A. Salzer), (347) 383

Decacarbonylnitrosyltriruthenate, reactivity of; synthesis and characterisation of $[Ru(CO)_3(NO)]^-$ (R.E. Stevens, D.E. Fjare, W.L. Gladfelter), (347) 373

Di-t-butylcyclopentadienyl-group 15 compounds, synthesis, structure and fluxional behaviour of (S.T. Abu-Orabi, P. Jutzi), (347) 307

Dodecacarbonyl-triruthenium and -triosmium group 15 ligand-substituted derivatives; X-ray structures of undeca-, deca- and nona-carbonyl complexes derived from (M.I. Bruce, M.J. Liddell, C.A. Hughes, B.W. Skelton, A.H. White, and in part J.M. Patrick, O. bin Shawkataly), (347) 157, 181, 207

Heterometallic di- and tri-nuclear complexes with bridging thiocarbonyl and methylthiocarbyne ligands; crystal and molecular structure of $C_5H_5(PMe_3)(\mu\text{-}CO)[\mu\text{-}CSMn(CO)_2C_5H_5]$-$Mn(CO)C_5H_5$ (H. Werner, O. Kolb, P. Thometzek), (347) 137

(Methylsorbate)- (sorbaldehyde)- and (1-methoxycyclohexadiene)-dicarbonyl((+)-neomenthyltriphenylphosphine)iron, diastereoisomer separation and absolute configuration of (J.A.S. Howell, M.C. Tirvengadum, A.D. Squibb, G. Walton, P. McArdle, D. Cunningham), (347) C5

Phosphorus-substituted butadiene systems, complexation of (R. Appel, B. Niemann, W. Schuhn, N. Siabalis), (347) 299

Silyl-substituted trihydrido-iron complexes, $FeH_3(CO)(Ph_2PCH_2CH_2PPh_2)SiR_3$ (M. Knorr, S. Gilbert, U. Schubert), (347) C17

Tricarbonylbis[bis(diphenylphosphine)methane-nickel] binuclear complex, $Ni_2(\mu\text{-dpm})_2(\mu\text{-}CO)(CO)_2$, formation and molecular structure of (Z.-Z. Zhang, H.-K. Wang, H.-G. Wang, R.-J. Wang, W.-J. Zhao, L.-M. Yang), (347) 269

Platinum

To tilt or not to tilt? The dilemma of $\mu\text{-}C_3R_3$ ligands in binuclear complexes (E.D. Jemmis, B.V. Prasad), (347) 401

Triosmium-platinum 60-electron tetrahedral cluster containing CO bridging Os–Os edge, $Os_3Pt(\mu\text{-}H)_2(\mu\text{-}CO)(CO)_9(C_8H_{12})$, synthesis and X-ray structure of (P. Ewing, L.J. Farrugia), (347) C31

Rhodium

Bis(pentamethylcyclopentadienylcarbonyl-cobalt) and -rhodium) complexes, stepwise formation of dinuclear chalcogenic complexes with elemental sulphur, selenium or tellurium from (H. Brunner, N. Janietz, W. Meier, J. Wachter, E. Herdtweck, W.A. Herrmann, O. Serhadli, M.L. Ziegler), (347) 237

Heterometallic di- and tri-nuclear complexes with bridging thiocarbonyl and methylthiocarbyne ligands; crystal and molecular structure of $C_5H_5(PMe_2)(\mu\text{-}CO)[\mu\text{-}CSMn(CO)_2C_5H_5]$-$Mn(CO)C_5H_5$ (H. Werner, O. Kolb, P. Thometzek), (347) 137

Tungsten-rhodium complexes with bridging alkylidyne groups, synthesis of (M.D. Bermudez, F.G.A. Stone), (347) 115

Ruthenium

Decacarbonylnitrosyltriruthenate, reactivity of; synthesis and charcterisation of $[Ru(CO)_3(NO)]^-$ (R.E. Stevens, D.E. Fjare, W.L. Gladfelter), (347) 373

Dodecacarbonyl-triruthenium and -triosmium group 15 ligand-substituted derivatives; X-ray structures of undeca-, deca- and nona-carbonyl complexes derived from (M.I. Bruce, M.J. Liddell, C.A. Hughes, B.W. Skelton, A.H. White, and in part J.M. Patrick, O. bin Shawkataly), (347) 157, 181, 207

Selenium

Bis(pentamethylcyclopentadienylcarbonyl-cobalt) and -rhodium) complexes, stepwise formation of dinuclear chalcogenic complexes with elemental sulphur, selenium or tellurium from (H. Brunner, N. Janietz, W. Meier, J. Wachter, E. Herdtweck, W.A. Herrmann, O. Serhadli, M.L. Ziegler), (347) 237

Dibenzochalcogeno-silonines, transannular donor–acceptor interaction in; crystal and molecular structure of 13,13-diphenyl-8,13-dihydro-5*H*-dibenzo[*d*,*g*][1.2.6]dithiasilonine (Yu.E. Ovchinnikov, V.E. Shklover, Yu.T. Struchkov, V.F. Traven', O.G. Rodin, V.I. Rokitskaya), (347) 33

$NEt_4[(\eta^5\text{-}C_5H_5)Mo(CO)_2Se_2]$, synthesis and crystal structure of (J. Adel, F. Weller, K. Dehnicke), (347) 343

Silicon

18-Crown-6 potassium [η^4-(1,4-diphenylbutadienylene)tricarbonyliron]trifluorosilicate, synthesis, dynamic behaviour and structure of (F.H. Carré, R.J.P. Corriu, C. Guérin, B.J.L. Henner, W.W.C. Wong Chi Man), (347) C1

Dibenzochalcogeno-silonines, transannular donor–acceptor interaction in; crystal and molecular structure of 13,13-diphenyl-8,13-dihydro-5*H*-dibenzo[*d*,*g*][1.2.6]dithiasilonine (Yu.E. Ovchinnikov, V.E. Shklover, Yu.T.

Struchkov, V.F. Traven', O.G. Rodin, V.I. Rokitskaya), (347) 33

Dimethylsilanone and dimethylsilanone-d_6, low temperature matrix stabilisation in the gas phase of (V.N. Khabashesku, Z.A. Kerzina, E.G. Baskir, A.K. Maltsev, O.M. Nefedov), (347) 277

Dodecamethyl-2,3,5,6,7,8-hexasila-diarsa-, -distiba- and -dibismutha-bicyclo[2.2.2]octane, formation and identification of (K. Hassler, S. Seidl), (347) 27

$Na_6[(PhSiO_{1.5})_{22}Co_3O_6] \cdot 7H_2O$, synthesis and crystal structure of (Yu.E. Ovchinnikov, V.E. Shklover, Yu.T. Struchkov, M.M. Levitsky, A.A. Zhdanov), (347) 253

Organosilicon chemistry, simple technique for gas kinetic studies in (I.M.T. Davidson, G. Eaton, K.J. Hughes), (346) 17

Phosphorus-substituted butadiene systems, complexation of (R. Appel, B. Niemann, W. Schuhn, N. Siabalis), (347) 299

Silyl-substituted trihydro-iron complexes, $FeH_3(CO)(Ph_2PCH_2CH_2PPh_2)SiR_3$ (M. Knorr, S. Gilbert, U. Schubert), (347) C17

Tris(hexamethyldisilylamido)uranium(IV) chloride, one-electron reduction of (S. Renaud, A. Dormond, L. Roullier, Y. Mugnier), (347) 71

Sodium

$Na_6[(PhSiO_{1.5})_{22}Co_3O_6] \cdot 7H_2O$, synthesis and crystal structure of (Yu.E. Ovchinnikov, V.E. Shklover, Yu.T. Struchkov, M.M. Levitsky, A.A. Zhdanov), (347) 253

Sulphur

Bis(pentamethylcyclopentadienylcarbonyl-cobalt) and -rhodium) complexes, stepwise formation of dinuclear chalcogenic complexes with elemental sulphur, selenium or tellurium from (H. Brunner, N. Janietz, W. Meier, J. Wachter, E. Herdtweck, W.A. Herrmann, O. Serhadli, M.L. Ziegler), (347) 237

Dibenzochalcogeno-silonines, transannular donor–acceptor interaction in; crystal and molecular structure of 13,13-diphenyl-8,13-dihydro-5*H*-dibenzo[*d*,*g*][1.2.6]dithiasilonine (Yu.E. Ovchinnikov, V.E. Shklover, Yu.T. Struchkov, V.F. Traven', O.G. Rodin, V.I. Rokitskaya), (347) 33

Heterometallic di- and tri-nuclear complexes with bridging thiocarbonyl and methylthiocarbyne ligands; crystal and molecular structure of $C_5H_5(PMe_2)(\mu\text{-CO})[\mu\text{-CSMn(CO)}_2C_5H_5]Mn(CO)C_5H_5$ (H. Werner, O. Kolb, P. Thometzek), (347) 137

Tantalum

Dicyclopentadienyltantalum complex, stereostable centrometallated chirality in (G. Bonnet, O. Lavastre, J.C. Leblanc, C. Moise, G. Vitulli), (347) C21

Tellurium

Bis(pentamethylcyclopentadienylcarbonyl-cobalt) and -rhodium) complexes, stepwise formation of dinuclear chalcogenic complexes with elemental sulphur, selenium or tellurium from (H. Brunner, N. Janietz, W. Meier, J. Wachter, E. Herdtweck, W.A. Herrmann, O. Serhadli, M.L. Ziegler), (347) 237

Tin

Bis(dicarbonyl-η^5-cyclopentadienyliron(diphenyltin, crystal structure of (L. Párkányi, K.H. Pannell, C. Hernandez), (347) 295

Bis(triphenylphosphine)iminium(tetracarbonylnitrosylchromium), synthesis, characterisation and reactivity of (D.R. Mantell, W.L. Gladfelter), (347) 333

Penta- and hexa-coordinated organotin compounds, synthesis and structures of (K. Jurkschat, J. Kalbitz, M. Dargatz, E. Kleinpeter, A. Tzschach), (347) 41

Titanium

Alkyldicyclopentadienyltitanium cationic complexes as catalysts for ethylene polymerization (R. Taube, L. Krukowka), (347) C9

Titanocene chloro(ethyl)aluminates, influence on properties by methyl-substituted cyclopentadienyl ligands in (K. Mach, V. Varga), (347) 85

Tolane-titanocene complex, isolation, spectral characterisation and reactivity of (V.B. Shur, V.V. Burlakov, M.E. Vol'pin), (347) 77

Tungsten

η^6-Arylphosphinemolybdenum(0) electron rich complexes as ligands in group 6 carbonylmetal complexes (R.L. Luck, R.H. Morris), (347) 349

Bis(triphenylphosphine)iminium(tetracarbonylnitrosylchromium), synthesis, characterisation and reactivity of (D.R. Mantell, W.L. Gladfelter), (347) 333

Chromium, tungsten and iron isocyanide complexes, addition reactions to heteroallenes of

(E. Bär, W.P. Fehlhammer, W. Weigand, W. Beck), (347) 101
Isonitrile-substituted neutral and cationic diethylaminocarbynyltungsten complexes, synthesis of (A.C. Filippou, E.O. Fischer, R. Paciello), (347) 127
Phosphorus-substituted butadiene systems, complexation of (R. Appel, B. Niemann, W. Schuhn, N. Siabalis), (347) 299
To tilt or not to tilt? The dilemma of μ-C_3R_3 ligands in binuclear complexes (E.D. Jemmis, B.V. Prasad), (347) 401
Tungsten-rhodium complexes with bridging alkylidyne groups, synthesis of (M.D. Bermudez, F.G.A. Stone), (347) 115

Uranium

Tris(hexamethyldisilylamido)uranium(IV) chloride, one-electron reduction of (S. Renaud, A. Dormond, L. Roullier, Y. Mugnier), (347) 71

Vanadium

Vanadocene, reactions with aliphatic halides of (R. Sustmann, G. Kopp), (347) 325
Vanadocene, reactions with benzyl bromide of (R. Sustmann, G. Kopp), (347) 313

Zinc

Dihexyn-4-ylzinc, intramolecular interaction between zinc atom and C≡C in (E. Okninska, K.B. Starowieyski), (347) 1

Book reviews

Advances in inorganic chemistry, Vol. 31; edited by H.J. Emeléus and A.G. Sharpe (K.R. Seddon), (347) C15
Advances in molten salt chemistry, Vol. 6; edited by G. Mamantov, C.B. Mamantov and J. Braunstein (K.R. Seddon), (347) C13
Gmelin handbook of inorganic chemistry, 8th edit., Th—Thorium, Supplement Vol. C3: Compounds with nitrogen (K.R. Seddon), (347) C35
Gmelin handbook of inorganic chemistry, 8th edit., W—Tungsten, Supplement Vol. A2: Physical properties (K.R. Seddon), (347) C36
Molten salt techniques, Vol. 3; edited by D.G. Lovering and R.J. Gale (K.R. Seddon), (347) C12